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Attorney Docket No.: YOR920030512US1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Rice et al.
Docket No: YOR920030512US1
Serial No.: 10/699,373
Filing Date: October 31, 2003
Group: 1645
Examiner: Unassigned

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature: Babbett Blake Date: June 22, 2004

Title: Techniques for Reconstructing Supply Chain Networks Using Pair-Wise Correlation Analysis

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INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants' attorney wishes to bring to the attention of the Patent and Trademark Office the following documents listed on the accompanying PTO Form 1449. Copies of each of the following listed items are enclosed:

Other Documents

1. Akutsu et al., "Algorithms for Inferring Qualitative Models of Biological Networks," Proc. Pacific Symposium on Biocomputing 2000 (PSB'2000), pp. 290-301 (2000).
2. Friedman et al., "Using Bayesian Networks to Analyze Expression Data," Journal of Computational Biology, Vol. 7, Nos. 3/4, pp. 601-620 (2000).
3. Hartemink et al., "Using Graphical Models and Genomic Expression Data to Statistically Validate Models of Genetic Regulatory Networks," Pacific Symposium on Biocomputing 2001, Hawaii, January 2001.
4. D'haeseleer et al., "Genetic Network Inference: From Co-Expression Clustering to Reverse Engineering," Bioinformatics, Vol. 16, No. 8 pp. 707-726 (2000).
5. Samoilov et al., "On the Deduction of Chemical Reaction Pathways from Measurements of Time Series of Concentrations," CHAOS, vol. 11, no. 1, pp. 108-114 (2001).
6. Arkin et al., "A Test Case of Correlation Metric Construction of a Reaction Pathway from Measurements," Science, Vol. 277, no. 29 pp. 1275-1279 (1997).
7. Arkin et al., "Statistical Construction of Chemical Reaction Mechanisms from Measured Time-Series," J. Phys. Chem., vol. 99, pp. 970-79 (1995).

8. A. Wagner, "Estimating Coarse Gene Network Structure from Large-Scale Gene Perturbation Data," Genome Research, vol. 12, pp. 309-315 (2002).
9. Butte et al., "Discovering Functional Relationships between RNA Expression and Chemotherapeutic Susceptibility Using Relevance Networks," PNAS, vol. 99, no. 9 pp.12182-12186 (2000).
10. Yeung et al., "Reverse Engineering Gene Networks Using Singular Value Decomposition and Robust Regression," PNAS, vol. 99, no. 9 pp. 6163-6168 (2002).
11. Ronen et al., "Assigning Numbers to the Arrows: Parameterizing a Gene Regulation Network by Using Accurate Expression Kinetics," PNAS, vol. 99, no. 16 pp.10555-10560 (2002).
12. Vance et al., "Determination of Casual Connectivities of Species in Reaction Networks," PNAS, vol. 99, no. 9 pp. 5816-5821 (2002).

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The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or as an admission that the information cited is considered to be material to patentability or as a representation that no other material information exists.

Respectfully submitted,

Date: June 22, 2004

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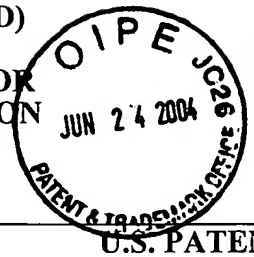
FORM PTO-1449 (MODIFIED)

LIST OF PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT



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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUBCLASS	FILING DATE IF APPROPRIATE
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS/SUBCLASS	TRANSLATION YES	NO
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OTHER DOCUMENTS

EXAMINER INITIAL	REF NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
___		Akutsu et al., "Algorithms for Inferring Qualitative Models of Biological Networks," Proc. Pacific Symposium on Biocomputing 2000 (PSB'2000), pp. 290-301 (2000).
___		Friedman et al., "Using Bayesian Networks to Analyze Expression Data," Journal of Computational Biology, Vol. 7, Nos. 3/4, pp. 601-620 (2000).
___		Hartemink et al., "Using Graphical Models and Genomic Expression Data to Statistically Validate Models of Genetic Regulatory Networks," Pacific Symposium on Biocomputing 2001, Hawaii, January 2001.
___		D'haeseleer et al., "Genetic Network Inference: From Co-Expression Clustering to Reverse Engineering," Bioinformatics, Vol. 16, No. 8 pp. 707-726 (2000).
___		Samoilov et al., "On the Deduction of Chemical Reaction Pathways from Measurements of Time Series of Concentrations," CHAOS, vol. 11, no. 1, pp. 108-114 (2001).
___		Arkin et al., "A Test Case of Correlation Metric Construction of a Reaction Pathway from Measurements," Science, Vol. 277, no. 29 pp. 1275-1279 (1997).
___		Arkin et al., "Statistical Construction of Chemical Reaction Mechanisms from Measured Time-Series," J. Phys. Chem., vol. 99, pp. 970-79 (1995).
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Examiner

Date Considered

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____ Butte et al., "Discovering Functional Relationships between RNA Expression and Chemotherapeutic Susceptibility Using Relevance Networks," PNAS, vol. 99, no. 9 pp.12182-12186 (2000).
____ Yeung et al., "Reverse Engineering Gene Networks Using Singular Value Decomposition and Robust Regression," PNAS, vol. 99, no. 9 pp. 6163-6168 (2002).
____ Ronen et al., "Assigning Numbers to the Arrows: Parameterizing a Gene Regulation Network by Using Accurate Expression Kinetics," PNAS, vol. 99, no. 16 pp.10555-10560 (2002).
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